



**GREAT
HEIGHTS**
ACADEMY TRUST



**Mirfield
Sixth Form
College**



Curriculum Intent Statement

Resistant Materials

<p>Whole School Curriculum Intent Statement</p>	<p>The MFG's seven-year curriculum:</p> <ul style="list-style-type: none"> - is constructed around RITA values to enhance character and cultural capital. - is coherently sequenced to build knowledge and skills for future learning and employment. - is challenging and inclusive to meet the personal development needs of all students. - explicitly teaches vocabulary, oracy, and reading to ensure lifelong learners.
<p>Subject Curriculum Intent Statement</p>	<p>We promote a range of practical skills and knowledge. Using creativity and imagination, students design products to solve real and relevant problems.</p> <p>Resistant Materials at the MFG is taught using a spiral curriculum design. Skills and knowledge are coherently planned from KS3 through to KS5, providing an appropriate level of challenge as students move through each key stage. The curriculum is inclusive, as every student has access to the same content in each key stage.</p> <p>Students learn how to take risks within a supportive environment, becoming resourceful, innovative, enterprising and capable adults. Through the evaluation of existing products (both past & present), they develop a critical understanding of its impact on daily life and the wider environment.</p>
<p>Subject Curriculum Quote</p>	<p>"The real products of design and technology education are empowered youngsters, capable of taking projects from inception to delivery; creatively intervening to improve the made world; entrepreneurially managing their resources; capably integrating knowledge across domains, sensitively optimizing the value of those concerned and confidently working alone or in teams" – Barlex, 2003</p>